

ADVANCE PASSENGER INFORMATION SYSTEM (APIS)

How to Prepare and Send Passenger and Crew Manifests

**US/EDIFACT Format – E-mail Interface for Non-IATA Type Air
Carriers**

USER GUIDE

APIS for Air Carriers

E-mail Interface

US/EDIFACT

Non-IATA Type Carriers

Office of Information & Technology

Software Development Division

Training Branch

National Data Center, Springfield VA

TABLE OF CONTENTS

INTRODUCTION	4
Formatting Advance Passenger Information (API) for Customs and Border Protection (CBP) – US/EDIFACT Message Set.....	4
Transmitting Advance Passenger Information.....	4
Legislative Requirements	4
Purpose of this User Guide – US/EDIFACT E-mail Interface Instructions	5
Enrolling in the API Program.....	5
User Guide Conventions.....	7
Overview of Steps	8
STEP ONE – DOWNLOAD EDIAPIS.EXE.....	9
STEP TWO – SET-UP APIS FOLDERS.....	13
STEP THREE – COPY EDIAPIS.EXE INTO PAX AND CREW FOLDERS	17
STEP FOUR – CREATE PASSENGER DATA	20
STEP FIVE – SAVE PASSENGER DATA.....	29
STEP SIX – TRANSLATE PASSENGER DATA INTO MANIFEST.TXT	30
STEP SEVEN – CREATE CREW DATA.....	36
STEP EIGHT – SAVE CREW DATA.....	38
STEP NINE – TRANSLATE CREW DATA INTO MANIFEST.TXT.....	39
STEP TEN – SEND PASSENGER AND CREW DATA BY E-MAIL.....	40
TROUBLESHOOTING EDIAPIS ERRORS	44
APPENDIX A – ACRONYM LIST	49
APPENDIX B – 2-CHARACTER COUNTRY CODE TABLE	50

INTRODUCTION

Formatting Advance Passenger Information (API) for Customs and Border Protection (CBP) – US/EDIFACT Message Set

The United States Customs Service, in cooperation with the governments of Australia and New Zealand, developed the Electronic Data Interchange for Administration, Commerce, and Trade (EDIFACT) message format for the initial implementation of the Advance Passenger Information System (APIS) in the early 1990s. This message format is referred to as United States/Electronic Data Interchange for Administration, Commerce, and Trade (US/EDIFACT) and is currently being supported by CBP for use by air carriers.

Transmitting Advance Passenger Information

CBP currently supports the transmission of API data from air carriers via an Electronic Data Interchange (EDI) transmission through a Value Added Network (VAN) and an e-mail interface.

The transmission of API data via an e-mail interface should only be used by carriers with no other means of sending data to CBP. The transmission of API data by e-mail does not guarantee receipt of the data by CBP.

Note: *This e-mail interface will be replaced in the near future by eAPIS, a Web-based solution currently under development.*

Legislative Requirements

In order to satisfy API legislative requirements, CBP will be migrating from US/EDIFACT to United Nations EDIFACT (UN/EDIFACT). UN/EDIFACT was adopted by the United Nations Economic Commission for Europe (UN/ECE) and modified by the International Air Transport Association (IATA) for use by all air carriers worldwide.

The US/EDIFACT message syntax will be replaced by UN/EDIFACT before the end of the year 2003. After this period, US/EDIFACT will no longer be accepted for transmitting passenger and crew manifest data to CBP.

eAPIS will satisfy legislative API requirements. It will be an alternative to transmitting UN/EDIFACT messages through a VAN or GDS.

Purpose of this User Guide – US/EDIFACT E-mail Interface Instructions

This user guide provides step-by-step instructions needed by non-IATA (International Air Transport Association) type air carriers that will transmit to CBP using a three-character CBP assigned carrier code and an aircraft tail number, and that will be preparing inbound and outbound API passenger and crew manifests in the US/EDIFACT format and sending the API data using an e-mail interface.

This User Guide does not cover reporting for IATA type air carriers that use a two-character IATA carrier code or a two- or three-character CBP-assigned carrier code and a 1-4 digit flight number. IATA type air carriers should refer to the User Guide for IATA Type Air Carriers.

Note: All examples in this document are fictional. There is no implication that any carriers operate flights with the numbers shown or fly these routes. Any resemblance to real people, their documents or itineraries, or any personal details is strictly coincidental.

Enrolling in the API Program

In order to be authorized to send API data, you must first register with CBP. During the registration process, each carrier is assigned a unique API Sender ID and given a CBP Point-of-Contact (POC) who will help in the initial preparation of passenger and crew data. This POC will also assist in testing the transmission of data to CBP and will certify your carrier for readiness.

To Register

Complete the APIS on-line Registration Form.

(Go to http://www.customs.gov/xp/cgov/travel/inspections/APIS/apis_registration_form.xml)

The following information must be included in the registration form:

Company Name

Mailing address (Street, City, State, Zip Code)

Primary Contact and Alternate Contact Name

For both primary and alternate contacts, provide

Two telephone numbers

Fax number

E-mail address

If applicable, provide

GDS (Global Distribution Service)


VAN (Value Added Network)

- A message will be sent immediately to acknowledge receipt of your APIS Registration Form.
- Within five business days, a reply email with your registration information will be sent to the address submitted in your initial registration form.
- Do not submit more than one APIS Registration Form.

First-Time Users

If you are preparing to send manifest data to CBP by e-mail for the first time, you must follow all 10 steps described in this guide. Steps One, Two, and Three assist you with initial set-up tasks that need to be carried out only once. Steps Four through Ten give instructions on creating, saving, translating, and sending the manifests; these steps must be followed every time you send API data to CBP.

User Guide Conventions

	<ul style="list-style-type: none">• The following conventions are used in the presentation of the information in this user guide.• The instructions and examples in this guide assume the use of the Microsoft Windows Operating System.
<u>Underlined text</u>	Indicates that the text's importance is being emphasized. Example: All attachments must be titled <u>MANIFEST.TXT</u> .
Bold Text	Indicates that the name of a screen or menu selection on the screen is being referred to. Example: Click the Start button. Example: Click on File > Open . (The > symbol indicates a submenu selection.)
<i>Italicized Bold Text</i>	Indicates that a field or file name is being referred to. Example: Type the name for the <i>New Folder</i> .
"Bold Text in Quotes"	Indicates that a literal data value is being referred to. Example: Type "PAX01" into the <i>File Name</i> field.
[BOLD CAPITAL TEXT IN BRACKETS]	Indicates that a keyboard key is being referred to. Example: Press the [ENTER] key.
(Text in Parentheses)	Indicates supplemental information to the displayed text or the introduction of an acronym. Example: Text only (.txt). Example: Advance Passenger Information System (APIS)
 NOTE	<i>Notes give additional information and helpful tips to remember when performing a task.</i>
Caution!	<i>Caution indicates user should exercise caution when performing a task or procedure.</i>

Overview of Steps

Basic hardware and software requirements:

- **Step One** – Download the US/EDIFACT translation program EDIAPIS.exe to your local computer.
- **Step Two** – Set up APIS folders.
- **Step Three** – Copy EDIAPIS.exe into Pax (passenger) and Crew folders.
- **Step Four** – Create Passenger data.
- **Step Five** – Save Passenger data.
- **Step Six** – Translate Passenger data into MANIFEST.TXT.
- **Step Seven** – Create Crew data.
- **Step Eight** – Save Crew data.
- **Step Nine** – Translate Crew data into MANIFEST.TXT.
- **Step Ten** – Send Passenger and Crew data by e-mail.

To prepare and send Passenger and Crew manifests using e-mail you need the following:

- A personal computer with a Microsoft Windows Operating System, version 3.1 or higher
- A word processing application such as Microsoft Word
- An Internet connection
- An e-mail application with the capability to send messages
- The EDIAPIS.exe program (CBP provides this program, which you can download from the Internet by following the instructions in Step One.)

STEP ONE – DOWNLOAD EDIAPIS.EXE

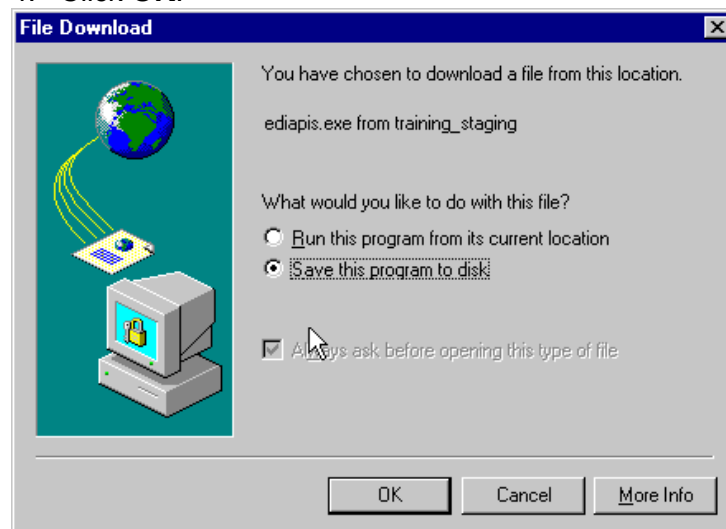
To download to the C:
drive:

- The EDIAPIS.exe is a US/EDIFACT translation program that can be downloaded from the Internet to your local computer. It is a DOS-based program that translates your slash delimited passenger and crew manifests into US/EDIFACT syntax.
- Follow these instructions to download the EDIAPIS.exe program and save it to your hard drive (C:) or to a diskette.
- **Step Three** in this User Guide gives instructions on saving this program in an APIS folder on your hard drive. EDIAPIS.exe must be stored in the specified folder to allow for the proper execution of the program.

1. Click once on the [EDIAPIS \(52KB. – exe\)](http://www.customs.gov/xp/cgov/travel/inspections/apis) link on the Advance Passenger Information (API) for Air Carriers Web page at:
<http://www.customs.gov/xp/cgov/travel/inspections/apis>

Note: EDIAPIS is an executable (.exe) file and downloadable only if you have permissions set on your machine to accept downloaded programs.

2. A dialog box opens.
3. Select **Save this program to disk** (if not already selected).
4. Click **OK**.



Screen 1: File Download

**NOTE**

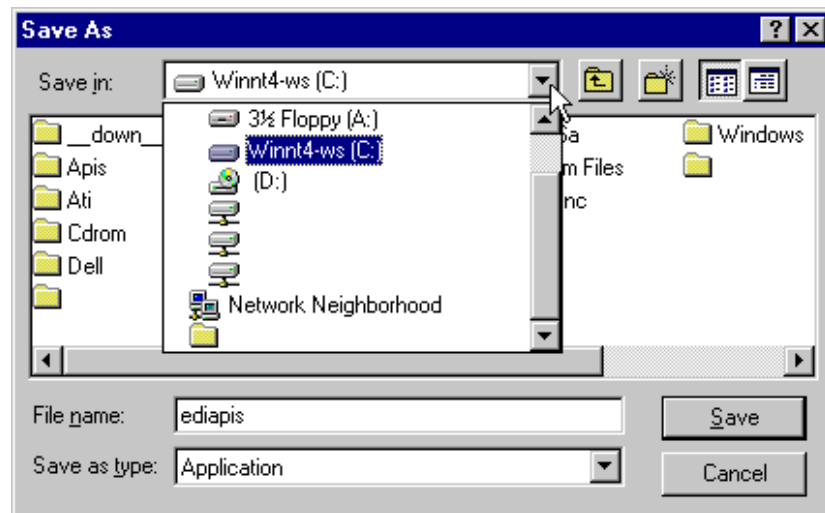
Keep the default **File name** and **Save as type**.

**NOTE**

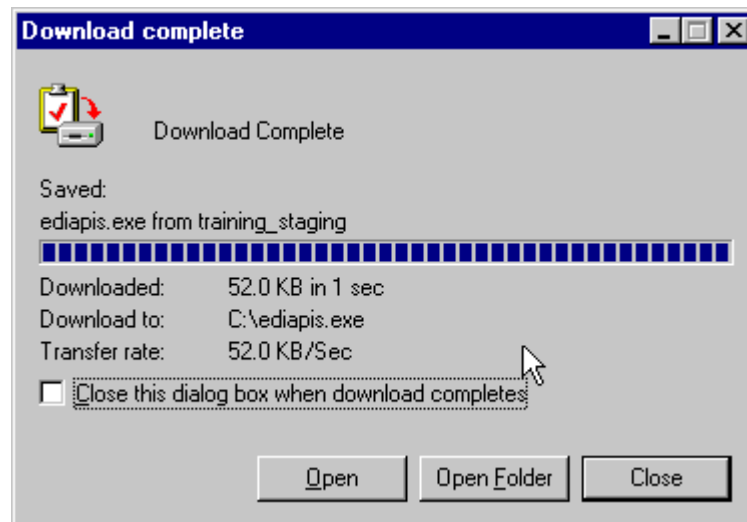
Save the file in a location that is easily visible.

If you prefer to save the EDIAPIS.exe program to a folder, **do not** name the folder "APIS." You will create an APIS folder in Step Two – Set-up APIS folders.

5. The **Save As** dialog box opens.
6. Use the **Save in** dropdown arrow to locate your C: drive location.
7. By default, the **File name** is "ediapis".
8. By default, the **Save as type** is "Application".

**Screen 2: Save As**

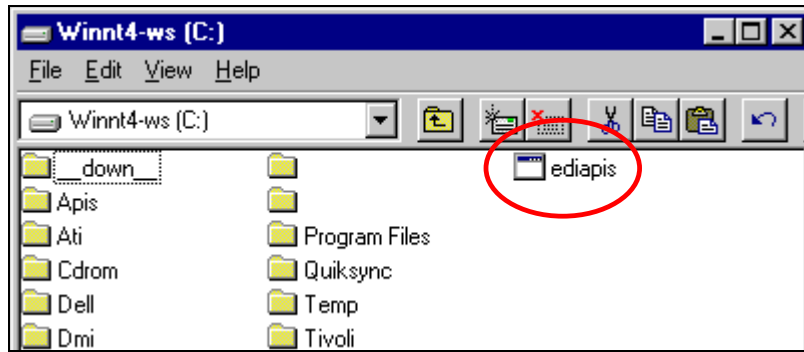
9. Click the **Save** button.
10. The **Download Complete** dialog box opens.

**Screen 3: Download complete**

11. Click **Open Folder** to locate the EDIAPIS.exe program where you saved it on your C: drive, or close the dialog box by clicking the **Close** button.

**NOTE**

Take note of the location in which you saved the file.

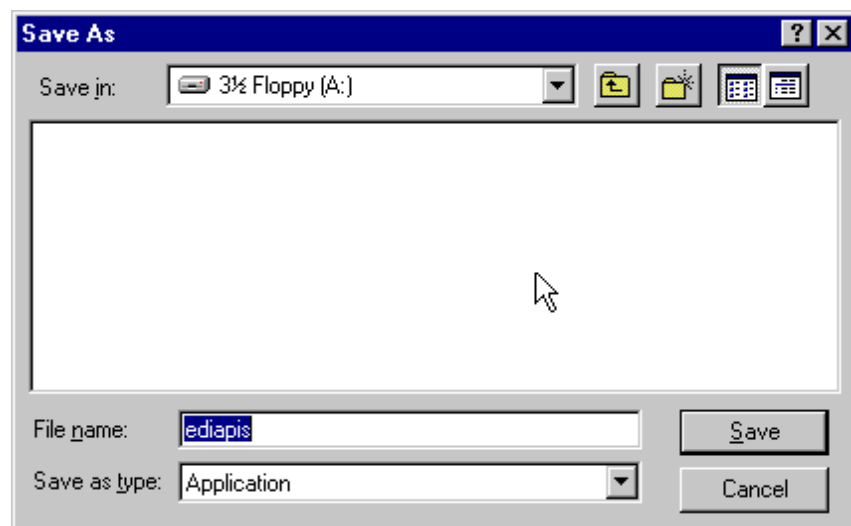
**Screen 4: EDIAPIS on C: Drive**

- The EDIAPIS.exe program is now saved on your C: drive.
- Click on the **X** in the upper right-hand corner to close the window.

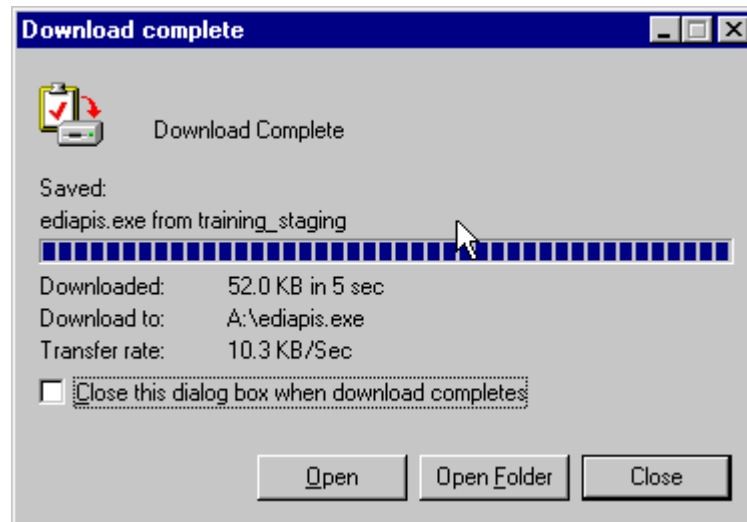
To download EDIAPIS.exe to a diskette:**NOTE**

Keep the default **File name** and **Save as type**.

- Complete Steps 1-4 above.
5. The **Save As** dialog box opens.
 6. Use the **Save in** dropdown arrow to locate your 3 ½ Floppy (A:) drive location.
 7. By default, the **File name** is "ediapis".
 8. By default, the **Save as type** is "Application".

**Screen 5: Save As**

9. Click the **Save** button.
10. The **Download Complete** dialog box opens.



Screen 6: Download complete

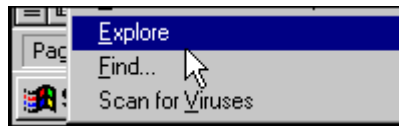
11. Click **Open Folder** to locate the EDIAPIS.EXE program where you saved it on your diskette.
 - Close the dialog box by clicking the **Close** button.
 - The EDIAPIS program is now saved on your diskette.

STEP TWO – SET-UP APIS FOLDERS

To create the new folders on your C: drive:

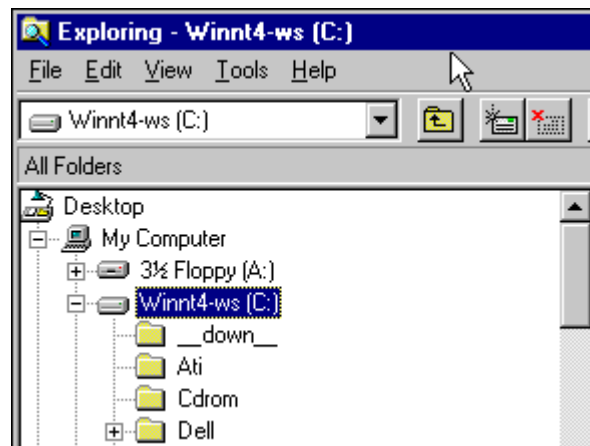
- Create a folder and name it “**APIS**.”
- Within the APIS folder, create two other folders and name them “**Pax**” and “**Crew**”. Passenger data will be stored in the **Pax** folder; Crew data will be stored in the **Crew** folder.

1. Right click once on the **Start** button.
2. Select **Explore**.



Screen 7: Start > Explore

3. The **Windows Explorer** opens. (The window may be named **Exploring**.)
4. Click on **C:**



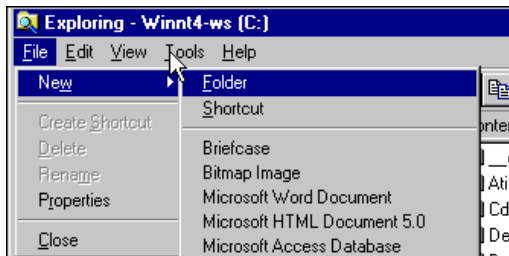
Screen 8: Exploring – C: drive

5. Click on **File > New > Folder**.



NOTE

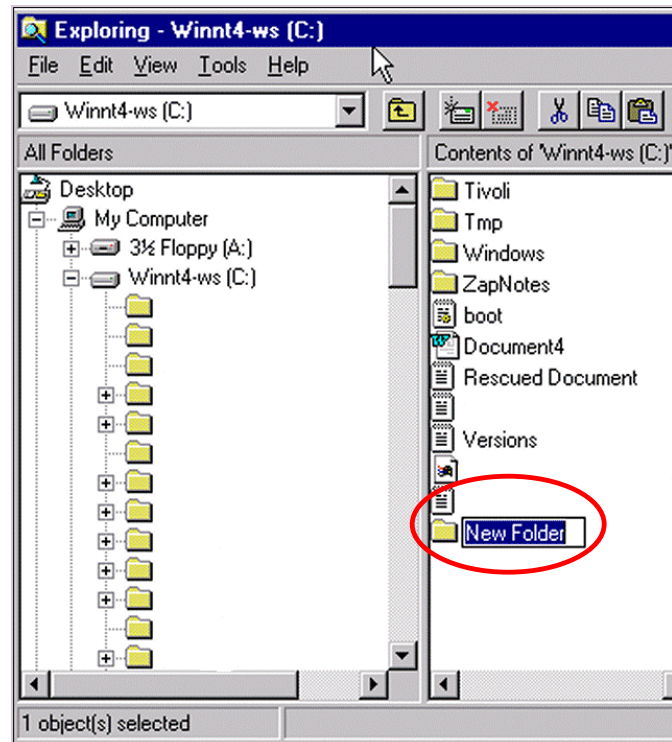
If there is a + sign to the left of C:, click on the + sign to expand C:

**Screen 9: File > New > Folder**

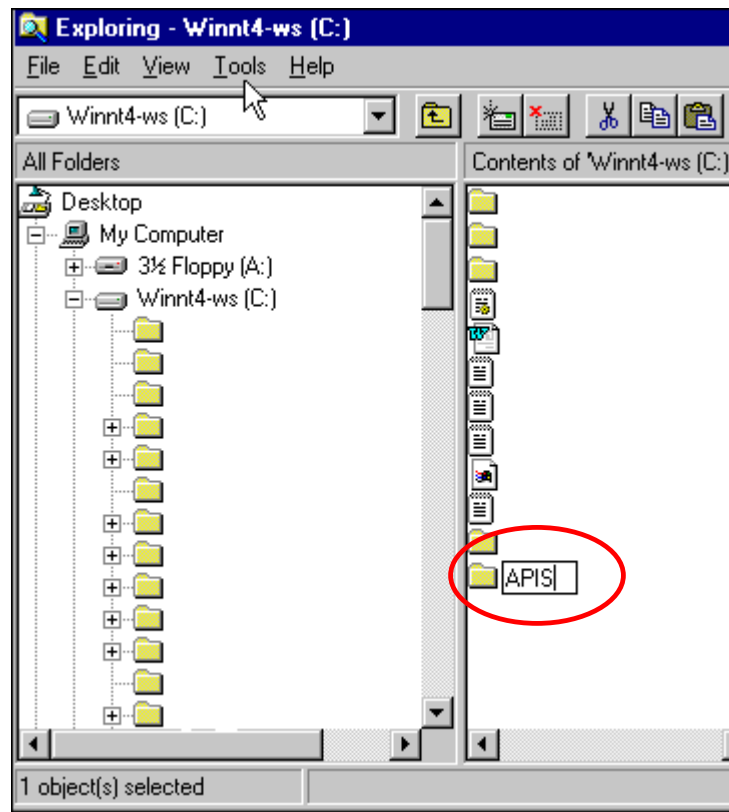
6. A **New Folder** is created.

**NOTE**

The new folder is located at the bottom of the list of files on the right-hand side of Windows Explorer.

**Screen 10: New Folder on C:**

7. Type **"APIS"** over the highlighted New Folder field.
8. Press **[ENTER]**. (The folder is now named **"APIS."**)



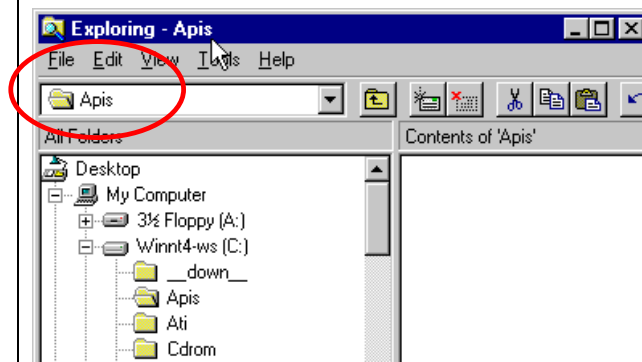
Screen 11: APIS folder on C:

9. Double click on the **APIS** folder.



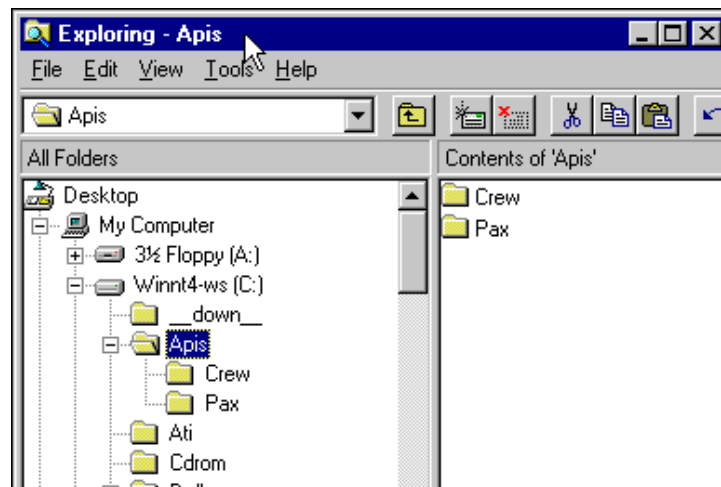
NOTE

The APIS folder is open. It is now located on the left-hand side of Windows Explorer under C:.



Screen 12: APIS

10. Click on **File > New > Folder**.
11. Type "**Pax**" over the highlighted **New Folder** field.
12. Press **[ENTER]**. The folder is now named "**Pax**."
13. Click once on the **APIS** folder on the left-hand side of **Explorer**.
14. Click on **File > New > Folder**.
15. Type "**Crew**" over the highlighted **New Folder** field.
16. Press **[ENTER]**. The folder is now named "**Crew**."
17. Double click on the **APIS** folder on the left-hand side of **Explorer** to expand the two new folders you have created within the **APIS** folder.



Screen 13: APIS folder expanded

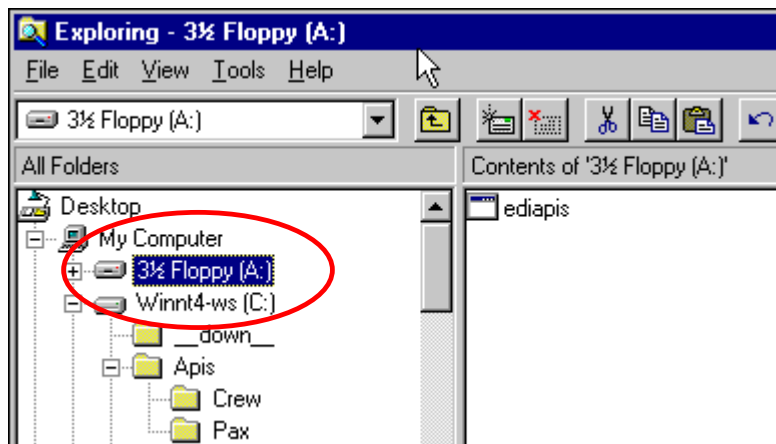
STEP THREE – COPY EDIAPIS.EXE INTO PAX AND CREW FOLDERS

FOLDERS



If EDIAPIS.exe is on a
diskette:

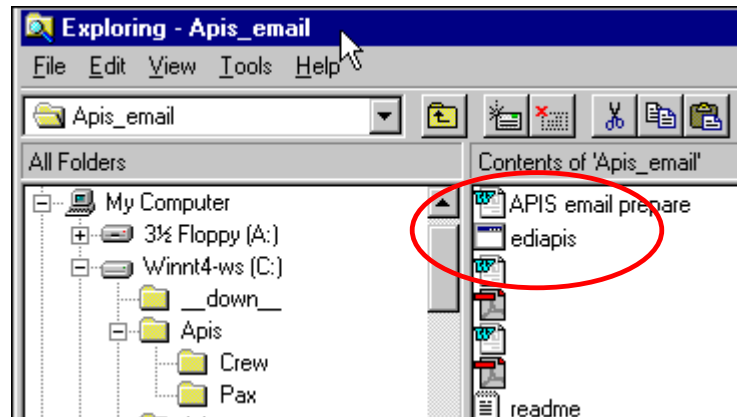
- See **Step One** if you have not saved a copy of the EDIAPIS.exe program to diskette or to your C: drive.
 - EDIAPIS.exe **must** be stored in the Pax and Crew folders even though it exists on your C: drive. Failure to correctly store this translation program in each folder will prevent the proper execution of the EDIAPIS.exe program.
1. With **Windows Explorer** open, make sure that you can see the newly created **Pax** and **Crew** folders on the left-hand side of the window, below the **APIS** folder.
- Insert the diskette with the **EDIAPIS.exe** program into your **A:** drive.
 - Scroll up in **Windows Explorer** to the **A:** drive and click once on **3½ Floppy (A:)**.
 - You should now see the **EDIAPIS.exe** program on the right-hand side of **Windows Explorer**.



Screen 14: EDIAPIS on 3 ½ Floppy (A:)

If **EDIAPIS.exe** is on
your **C:** drive:

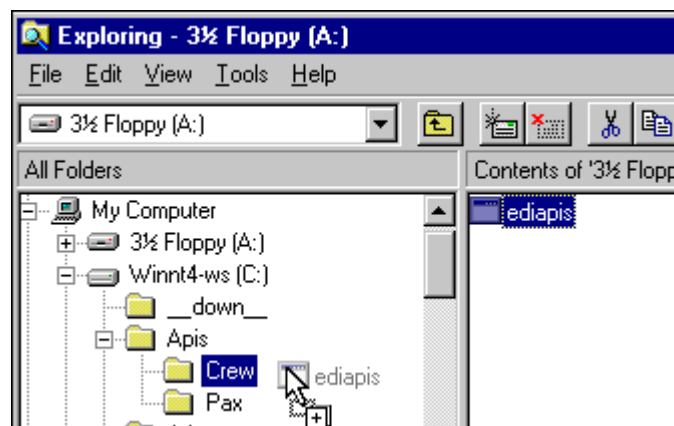
- Scroll up in **Windows Explorer** to the **C:** drive.
- Locate the **EDIAPIS.exe** program where you saved it on your hard drive.
- You should now see the **EDIAPIS.exe** program on the right-hand side of **Windows Explorer**.



Screen 15: EDIAPIS on C:

To copy the
EDIAPIS.exe program
to the **Pax** and **Crew**
folders:

2. Click once on the **EDIAPIS.exe** program and hold down the mouse button.
3. Drag the file, (it will appear as a shadow), over to the **Pax** folder.
4. When the **Pax** folder is highlighted, release the mouse button.
5. The file is now copied to the folder.
6. Repeat Steps 2-4 to copy the **EDIAPIS.exe** program to the **Crew** folder.

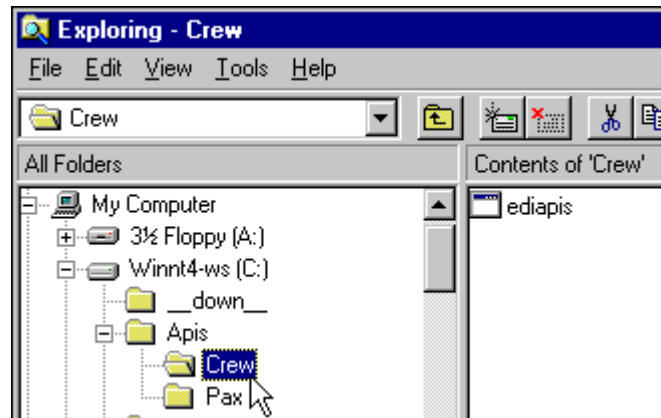


Screen 16: Moving EDIAPIS to Crew folder

**NOTE**

*You should be able to see the **EDIAPIS.exe** program on the right-hand side of Windows Explorer as the contents of these folders.*

7. Assure that the files have been properly copied by clicking once on the **Crew** folder and then the **Pax** folder.



Screen 17: EDIAPIS in Crew folder

8. If the **EDIAPIS.exe** files have been properly copied, close **Windows Explorer**.

STEP FOUR – CREATE PASSENGER DATA

Create the Passenger data file using any word processor, such as Microsoft Word or WordPerfect, and save the file as Text Only (.txt). For successful transmission of the API data to CBP, the Passenger file must be created in a slash/delimited format according to the following rules.

Caution: Do not use Notepad or WordPad. Hidden characters may be introduced in the data that would interfere with its processing.

RULES FOR CREATING AN INBOUND PASSENGER MANIFEST

The first two lines of text (records) contain essential information about the transmission and are critical to the successful processing of your data.

1. The first line must contain information about the carrier and include a point of contact. In the documentation, this first record is referred to as HEADER 1.
2. The second line must contain information about the itinerary. In the documentation, this second record is referred to as HEADER 2.
3. One passenger record is required for each passenger. The first Passenger data record begins in the third line.
4. Use all UPPERCASE characters.
5. Separate each field by a forward slash (/).
6. Except for the last line, end each record line with a Carriage Return/Line Feed by pressing the **[ENTER]** key. There should be no blank lines after the last passenger record.
7. Never end a line with a slash (/) or any punctuation mark.

Note: *Crew data must be prepared as a separate file. Refer to **Step Seven – Create Crew Data**.*

Example 1: Air Passenger Manifest (Inbound)

The following is an example of a Passenger manifest for an inbound ABC Airlines flight, departing January 22, 2003 with 10 passengers on board. The example illustrates what APIS Passenger manifest data looks like in the slash-delimited format.

```
ABC AIRLINES/AIR/US/MARIO TERLIZZO/305-999-9999/305-888-8888
APIS*ZZZ/ZZN123AB/012203/1630/P4/MX/CUN/012303/0800/P4/US/MIA
AARON/ARIANNA/CORIANA/072893/PPT/093243028/US/F
BICHLER/EILEEN/LOUISE/031348///CA/F
COLGAN/BARBARA//032745/PPT/112314650/US/F
HAIGHT/MARY/ANN/040248/PPT/091501506/US/F
JOA/JONATHAN/PAUL/033191/VSA/139209234/US/M
KWAN/SAMANTHA/GAY/081858/PPT/150423209/US/F
MAIORELLA/MATTHEW/ALLEN/071183///US/M
NARDELLO/JOSEPH/VAN/070357///US/M
ROTH/KYLE/HY/061383/ARN/492096849/US/M
TAUB/ESTELLE//042935/PPT/110419784/US/F
```

The following pages contain descriptions of each field used in this example.

Explanation of Passenger Manifest Data:

HEADER 1: ABC AIRLINES/AIR/US/MARIO TERLIZZO/305-999-9999/305-888-8888

Field Description	Message Example
Carrier or company name. Maximum size of field is 35 characters.	ABC AIRLINES
Mode of transport. Must be AIR for aircraft.	AIR
Country Code of carrier supplying API data. Maximum size of field is 4 characters. (Refer to two-character ISO Country Code table in Appendix B.)	US
Carrier point of contact for problems or questions. Maximum size of field is 35 characters.	MARIO TERLIZZO
Point of contact phone number. Include country and city area codes where appropriate. Maximum size of field is 25 characters.	305-999-9999
Point of contact fax number. Include country and city area codes where appropriate. Maximum size of field is 25 characters.	305-888-8888

HEADER 2: APIS*ZZZ/ZZN123AB/012203/1630/P4/MX/CUN/012303/0800/P4/US/MIA

Field Description	Message Example
Carrier APIS Sender ID. This code must equal the unique Sender ID assigned by CBP when you register in the API Program. (Always appears as: APIS*ZZZ where ZZZ = 3-character CBP assigned sender ID carrier code.) Maximum length is 8 characters.	APIS*ZZZ
Carrier Code and tail number. (Always ZZ combined with the aircraft tail number.) Maximum length of 9 characters. Note: Do not include special characters in the tail number.	ZZN123AB
Date of Departure from last foreign port prior to arrival in the United States. Format = 6 digits (MMDDYY)	012203
Local Time of Departure from last foreign port prior to arrival in the United States. Format = 4 digits (HHMM)	1630
Time Zone Adjustment consisting either of a P (plus) or an M (minus) followed by the number of hours to add or subtract from the Local time to equal the Universal Standard Time (e.g., Miami, FL = P5). Maximum length of 3 characters	P4
Two-character country code of last foreign country/IATA Airport Code of departure prior to arriving in the United States. (Refer to two-character ISO Country Code table in Appendix B . If the departure location does not have an IATA Airport Code, use "XXX".)	MX/CUN
Date of arrival in United States. Format = 6 digits (MMDDYY).	012303
Estimated local time of arrival in United States. Format = 4 digits (HHMM).	0800
Time Zone Adjustment consisting either of a P (plus) or an M (minus) followed by the number of hours to add or subtract from the Local time to equal the Universal Standard Time (e.g., Miami, FL = P5).	P4
Inbound: always = US/3-character IATA Airport Code for airport of arrival in the US. (If arrival location does not have an IATA Airport Code, use the IATA Airport Code of the CBP service port.)	US/MIA

Passenger Record: AARON/ARIANNA/CORIANA/072893/PPT/093243028/US/F

Field Description	Message Example
Last name.	AARON
First name.	ARIANNA
Middle name.	CORIANA
Date of birth.	072873
Document type, if required. **	PPT
<p>**If more than one Document Type is presented, the order of preference is based on the order listed below.</p> <p style="text-align: center;"><u>List of Document Types</u></p> <p>ARN – U.S. Alien Registration Card ARN – U.S. Border Crossing Card VSA – U.S. non-immigrant visa PPT – Refugee Document PPT – Re-entry Permit PPT – U.S. Passport or non-U.S. Passport</p> <p>Note: EDIAPIS does not support Document Type “FAC”.</p>	
Document number, if required. Maximum of 9 characters.	093243028
Code for country that issued document (refer to ISO two-character Country Code Table, Appendix B). If <u>no document</u> data is required, use country code for citizenship of traveler.	US
Gender of individual. Valid values are M = Male, F = Female.	F

Example 2: Air Passenger Manifest (Outbound)

The following is an example of a Passenger manifest for an outbound ABC Airlines flight, departing January 22, 2003, with 10 passengers on board. The example illustrates what APIS Passenger manifest data looks like in the slash-delimited format.

```
ABC AIRLINES/AIR/US/MARIO TERLIZZO/305-999-9999/305-888-8888
APIS*ZZZ/ZZN123AB/012203/1630/P4/US/MIA/012303/0800/P4/MX/CUN
AARON/ARIANNA/CORIANA/072893/PPT/093243028/US/F
BICHLER/EILEEN/LOUISE/031348///CA/F
COLGAN/BARBARA//032745/PPT/112314650/US/F
HAIGHT/MARY/ANN/040248/PPT/091501506/US/F
JOA/JONATHAN/PAUL/033191/VSA/139209234/US/M
KWAN/SAMANTHA/GAY/081858/PPT/150423209/US/F
MAIORELLA/MATTHEW/ALLEN/071183///US/M
NARDELLO/JOSEPH/VAN/070357///US/M
ROTH/KYLE/HY/061383/ARN/492096849/US/M
TAUB/ESTELLE//042935/PPT/110419784/US/F
```

The following tables describe each field in HEADERS 1 and 2 in reference to the above sample air manifest. The remaining passenger manifest data is identical to Example 1 above.

Explanation of Passenger Manifest Data:

HEADER 1: ABC AIRLINES/AIR/US/MARIO TERLIZZO/305-999-9999/305-888-8888

Field Description	Message Example
Carrier or company name. Maximum size of field is 35 characters.	ABC AIRLINES
Mode of transport. Must be AIR for aircraft.	AIR
Country Code of carrier supplying API data (refer to two-character ISO Country Code table in Appendix B). Maximum size of field is 4 characters.	US
Carrier point of contact for problems or questions. Maximum size of field is 35 characters.	MARIO TERLIZZO
Point of contact phone number. Include country and city area codes where appropriate. Maximum size of field is 25 characters.	305-999-9999
Point of contact fax number. Include country and city area codes where appropriate. Maximum size of field is 25 characters.	305-888-8888

HEADER 2: APIS*ZZZ/ZZN123AB/012203/1630/P4/US/MIA/012303/0800/P4/MX/CUN

Field Description	Message Example
Carrier APIS Sender ID. This code must equal the unique Sender ID assigned by CBP when you register in the API Program. (Always appears as: APIS*ZZZ where ZZZ = 3-character CBP assigned sender ID carrier code.) Maximum length is 8 characters.	APIS*ZZZ
Carrier Code and tail number. (Always ZZ combined with the aircraft tail number.) Maximum length of 9 characters. Note: Do not use special characters in the tail number.	ZZN123AB
Date of Departure from the United States prior to arrival in foreign port. Format = 6 digits (MMDDYY).	012203
Local Time of Departure from the United States prior to arrival in foreign port. Format = 4 digits (HHMM).	1630
Time Zone Adjustment consisting either of a P (plus) or an M (minus) followed by the number of hours to add or subtract from the Local time to equal the Universal Standard Time (e.g., Miami, FL = P5). Maximum length of 3 characters.	P4
Two-character Country of Departure always = US/3-character IATA Airport Code. (If the departure location does not have an IATA Airport Code, use the IATA Airport Code of the CBP service port.)	US/MIA
Date of arrival in foreign port. Format = 6 digits (MMDDYY).	012303
Estimated local time of arrival in foreign port. Format = 4 digits (HHMM).	0800
Time Zone Adjustment consisting either of a P (plus) or an M (minus) followed by the number of hours to add or subtract from the Local time to equal the Universal Standard Time (e.g., Miami, FL = P5).	P4
Outbound: ISO two-character Country of foreign destination/3-character IATA Airport Code for foreign airport of destination. (Refer to ISO two-character Country Code table, Appendix B . If the destination does not have an IATA Airport Code, use "XXX".)	MX/CUN

Missing Passenger Record Data:

The examples below illustrate how to enter data for a passenger record when some of the information is not required.

Example 3: BICHLER/EILEEN/LOUISE/031348///US/F

No Document Type required.

No Document Number required.

Country code is citizenship for traveler.

Example 4: COLGAN/BARBARA//032745/PPT/112314650/US/F

No Middle Name.



NOTE

- When a field of information is not given, the field should be left blank and contain a single forward slash.

STEP FIVE – SAVE PASSENGER DATA



- When all passenger records are entered, save the file in the “**Pax**” folder as a text file (.txt), and assign a unique file name not to exceed 8 characters.

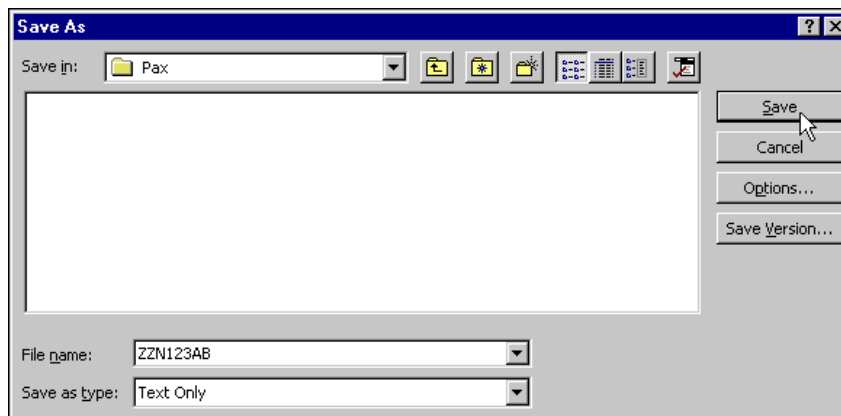
With the word processing application still open:

1. Click on **File > Save as**.
2. Click on the down arrow to the right of the **Save in** field.
3. Click on **C:**
4. Double click on the **APIS** folder. You will see the **Pax** and **Crew** folders.
5. Double click on the **Pax** folder.
6. Click in the **Save in** field and type a unique name for the file.
7. Click on the down arrow to the right of the **Save as type** field and select **Text Only**.
8. Click once on the **Save** button. You have saved the named file in the **Pax** folder.



NOTE

The file name must not be more than 8 characters long.

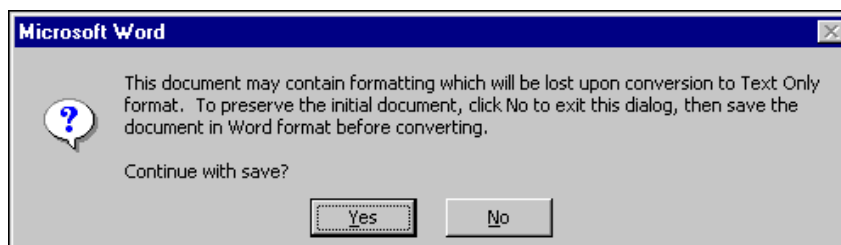


Screen 18: Save As



NOTE

*If you receive the following dialog box warning when saving the data as a Text Only file for the first time in Microsoft Word, click **Yes** to continue with the save operation.*



Screen 19: Save warning dialog box

STEP SIX – TRANSLATE PASSENGER DATA INTO MANIFEST.TXT



NOTE

- The slash-delimited API file must be translated into a file named MANIFEST.TXT before the Passenger manifest is sent to CBP via e-mail.
- Passenger manifests that are not translated into a MANIFEST.TXT file cannot be processed through APIS.
- The **EDIAPIS.exe** program is used to translate the Passenger manifest.
- You must use the DOS command prompt to run the **EDIAPIS.exe** program.

Start the translation program:

1. Click the **Start** button once. **Start** is located on the taskbar at the bottom of your computer screen.
2. Select **Run** and click once.
3. In the **Open:** field, type “**command.**”




Screen 20: Run > command

4. Press **[ENTER]**.
 - The DOS Command window opens.
5. At the blinking cursor, type “**cd**”



NOTE

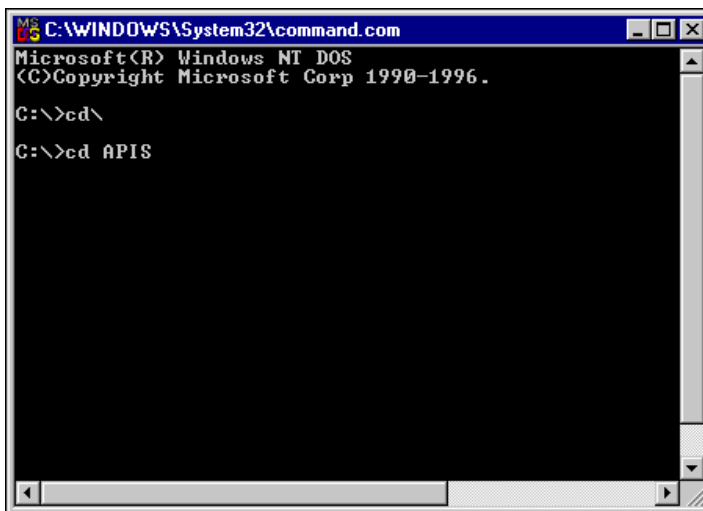
It is important to include the spaces you see in the steps when typing the DOS commands.



```
C:\WINDOWS\System32\command.com
Microsoft(R) Windows NT DOS
(C)Copyright Microsoft Corp 1990-1996.
C:\>cd\
```

Screen 21: DOS command

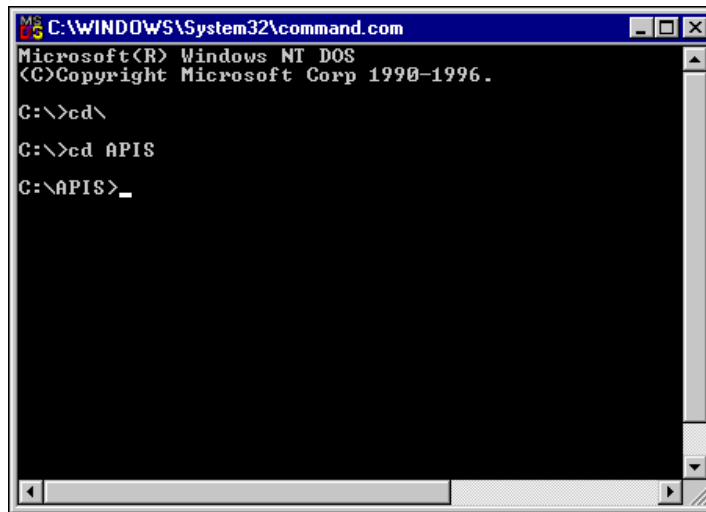
6. Press **[ENTER]**.
 - The root C:\>cd\ appears.
7. Type “cd APIS”



```
C:\WINDOWS\System32\command.com
Microsoft(R) Windows NT DOS
(C)Copyright Microsoft Corp 1990-1996.
C:\>cd\
C:\>cd APIS
```

Screen 22: DOS command

8. Press **[ENTER]**.
 - This brings your cursor to the end of **C:\APIS>**.

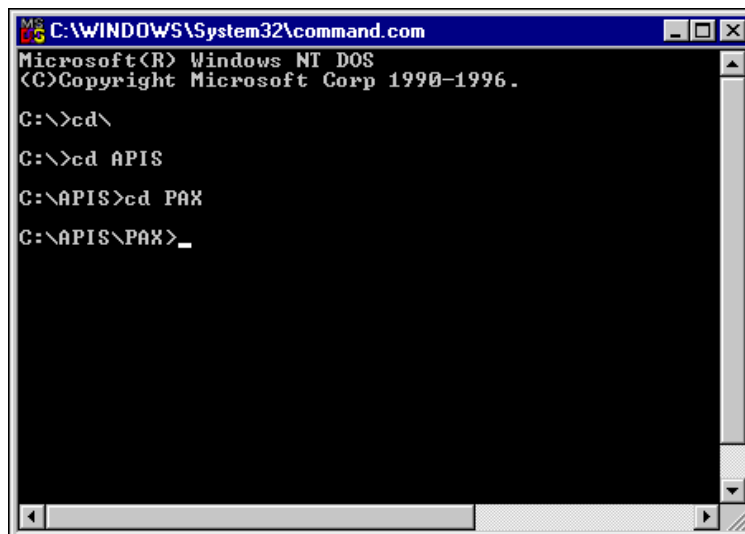


```
MS-DOS C:\WINDOWS\System32\command.com
Microsoft(R) Windows NT DOS
(C)Copyright Microsoft Corp 1990-1996.

C:\>cd\
C:\>cd APIS
C:\APIS>_
```

Screen 23: DOS command

9. Type “**cd PAX**”
10. Press **[ENTER]**.
 - Your cursor will now be at the end of **C:\APIS\PAX**.



```
MS-DOS C:\WINDOWS\System32\command.com
Microsoft(R) Windows NT DOS
(C)Copyright Microsoft Corp 1990-1996.

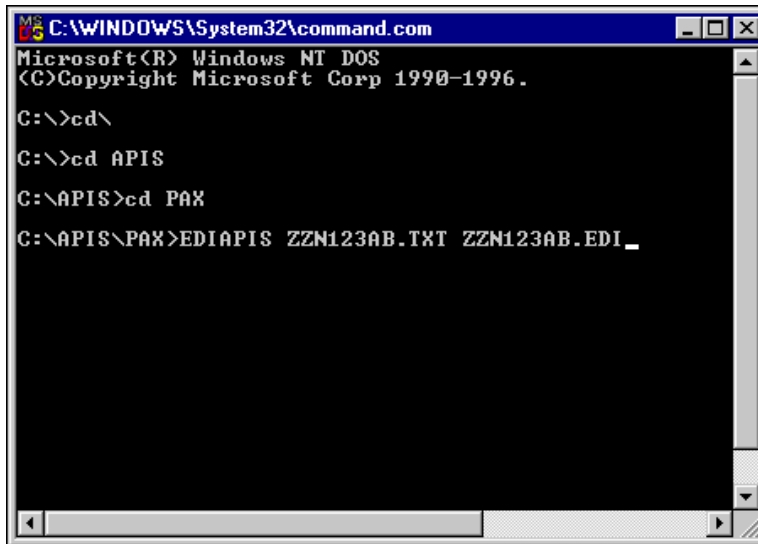
C:\>cd\
C:\>cd APIS
C:\APIS>cd PAX
C:\APIS\PAX>_
```

Screen 24: DOS command

**NOTE**

Creating a backup file of the passenger manifest allows you to keep a history of API data that was sent to CBP.

11. To create a backup file, type the following command line:
“**EDIAPIS (FILENAME).txt (FILENAME).edi**” (FILENAME represents the unique file name in which you previously saved the Text Only file.)



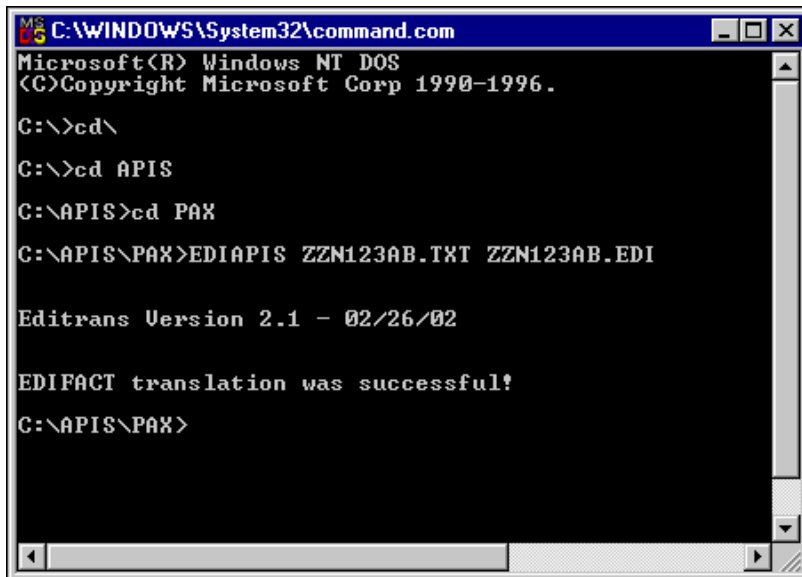
```
C:\WINDOWS\System32\command.com
Microsoft(R) Windows NT DOS
(C)Copyright Microsoft Corp 1990-1996.

C:\>cd\
C:\>cd APIS
C:\APIS>cd PAX
C:\APIS\PAX>EDIAPIS ZZN123AB.TXT ZZN123AB.EDI_
```

Screen 25: DOS command

12. Press [ENTER].

13. If you have created the correct manifest format, the following message line will display: **“EDIFACT translation was successful!”**



```
C:\WINDOWS\System32\command.com
Microsoft(R) Windows NT DOS
(C)Copyright Microsoft Corp 1990-1996.

C:\>cd\
C:\>cd APIS
C:\APIS>cd PAX
C:\APIS\PAX>EDIAPIS ZZN123AB.TXT ZZN123AB.EDI

Editrans Version 2.1 - 02/26/02

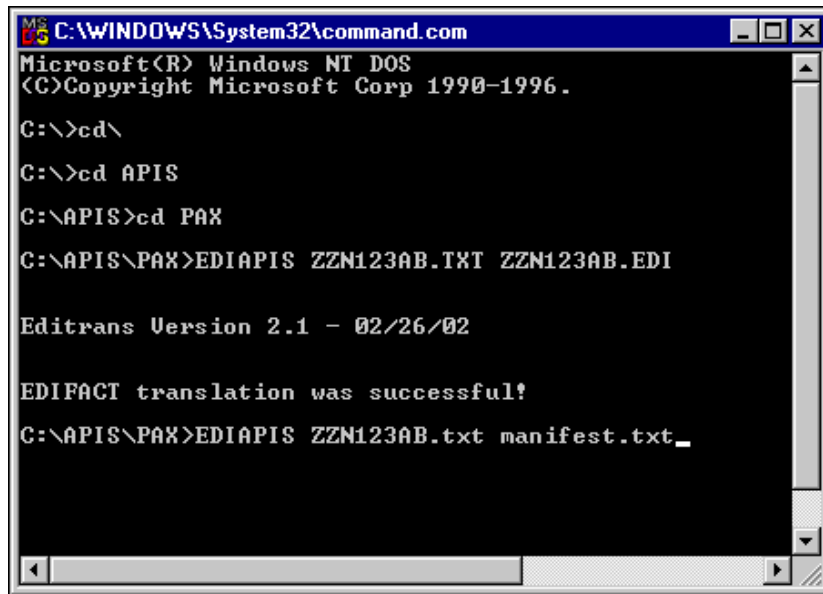
EDIFACT translation was successful!
C:\APIS\PAX>
```

Screen 26: DOS command successful

**NOTE**

- You have just created (FILENAME).edi, the backup file of your original text file.

14. Type the following command line:
“EDIAPIS (FILENAME).txt MANIFEST.TXT”



```
MS-DOS C:\WINDOWS\System32\command.com
Microsoft(R) Windows NT DOS
(C)Copyright Microsoft Corp 1990-1996.

C:\>cd\

C:\>cd APIS

C:\APIS>cd PAX

C:\APIS\PAX>EDIAPIS ZZN123AB.TXT ZZN123AB.EDI

Editrans Version 2.1 - 02/26/02

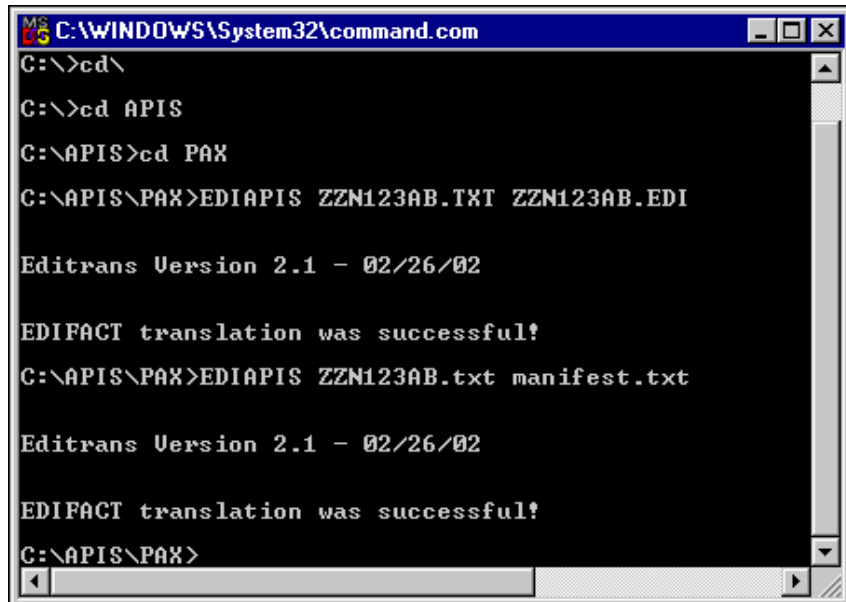
EDIFACT translation was successful!

C:\APIS\PAX>EDIAPIS ZZN123AB.txt manifest.txt_
```

Screen 27: DOS command

15. Press [ENTER].

16. The following message line will display: “**EDIFACT translation was successful!**”



```
MS-DOS C:\WINDOWS\System32\command.com
C:\>cd\

C:\>cd APIS

C:\APIS>cd PAX

C:\APIS\PAX>EDIAPIS ZZN123AB.TXT ZZN123AB.EDI

Editrans Version 2.1 - 02/26/02

EDIFACT translation was successful!

C:\APIS\PAX>EDIAPIS ZZN123AB.txt manifest.txt

Editrans Version 2.1 - 02/26/02

EDIFACT translation was successful!

C:\APIS\PAX>
```

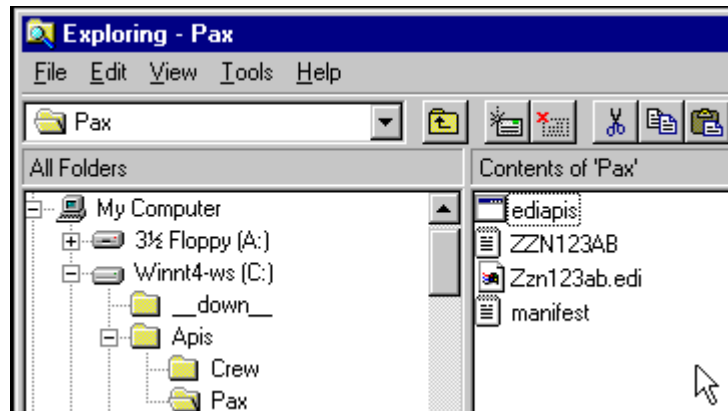
Screen 28: DOS command successful

**NOTE**

- You have created the MANIFEST.TXT file in US/EDIFACT. The MANIFEST.TXT file is needed to successfully e-mail the Passenger data to APIS e-mail.

17. Type “**exit**” and press [**ENTER**] to close the DOS command window.

- The MANIFEST.TXT file is now located in the **Pax** folder.



Screen 29: MANIFEST.TXT in Pax folder

STEP SEVEN – CREATE CREW DATA

The Crew data must be entered as a separate file and not included with the passenger data. Just as with the passenger data, create your Crew data using word processing software such as Microsoft Word or WordPerfect. When you have added all the crew data, save the file as Text Only (.txt). For successful transmission of the API data, the Crew manifest must be created in a slash/delimited format according to the following rules.

RULES FOR CREATING A CREW MANIFEST

1. The first record or line of data must contain information about the carrier and include a point of contact. In the documentation, this first line is referred to as HEADER 1.
2. The second record or line of data must contain information about the itinerary. In the documentation, this second line is referred to as HEADER 2.

Note: *To indicate that the manifest contains Crew data, add the letter “C” to the end of the aircraft tail number. See Example 8.*

3. One Crew record is required for each Crewmember. The first Crew record appears as the third line of information.
4. Use all UPPERCASE characters.
5. Separate each field by a forward slash (/).
6. Except for the last line, end each record line with a Carriage Return-Line Feed by pressing the **[ENTER]** key. There should be no blank lines after the last Crew record.
7. Never end a line with a slash (/) or any punctuation mark.

The following is an example of an airline **Crew** manifest for a flight departing on February 5, 2003 with two crewmembers on board. The example illustrates what APIS Crew manifest data looks like in the slash-delimited format.

Note: *Passenger data must be prepared as a separate file. Refer to **Step Four – Create Passenger Data**.*

Example 8: Flight Crew Manifest

ABC AIRLINES/AIR/US/MARIO TERLIZZO/305-999-9999/305-888-8888
APIS*ZZZ/ZZN123ABC/020503/1630/P4/MX/CUN/042900/0800/P4/US/MIA
JONES/JAMES//061863/PPT/072443155/US/M
SMALLWOOD/KATHY//041168///CA/F

STEP EIGHT – SAVE CREW DATA

- When all crew records are entered, save the file in the **Crew** folder as a text file (.txt), and assign a unique file name not to exceed 8 characters.

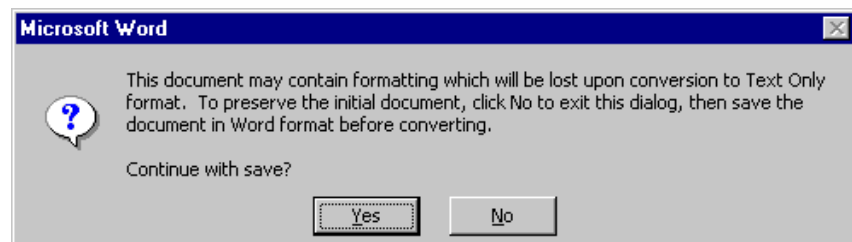
With the word processing application still open:

1. Click on **File > Save as**.
2. Click on the down arrow to the right of the **Save in** field.
3. Click on **C:**
4. Double click on the **APIS** folder. (You will see the **Pax** and **Crew** folders.)
5. Double click on the **Crew** folder.
6. Click in the **Save in** field and type a unique name for the file.
7. Click on the down arrow to the right of the **Save as type** field and select **Text Only**.
8. Click once on the **Save** button. You have saved the named file in the **Crew** folder.



NOTE

If you receive the following dialog box warning when saving the Crew data as a Text Only file for the first time in Microsoft Word, click **Yes**, to continue with the save.



Screen 30: Save warning dialog box

STEP NINE – TRANSLATE CREW DATA INTO MANIFEST.TXT

Start the translation program:

Create the backup file:

- The slash-delimited API file must be translated into a file named MANIFEST.TXT before the Crew manifest is sent to CBP via e-mail.
 - Crew manifests that are not translated into a MANIFEST.TXT file cannot be processed through APIS.
 - The **EDIAPIS.exe** program is used to translate the Crew manifest.
 - You must use the DOS command prompt to run the **EDIAPIS.exe** program.
1. Click the **Start** button once. **Start** is located on the taskbar at the bottom of your computer screen.
 2. Select **Run** and click once.
 3. In the **Open:** field, type “**command**”.
 4. Press **[ENTER]**.
 - The DOS Command window opens.
 5. At the blinking cursor, type “**cd**”.
 6. Press **[ENTER]**.
 - The root of C:\> appears.
 7. Type “**cd APIS**”
 8. Press **[ENTER]**.
 - This brings your cursor to the end of **C:\APIS>**.
 9. Type “**cd CREW**”
 10. Press **[ENTER]**.
 - Your cursor will now be at the end of **C:\APIS\CREW**.
 11. Type the following command line:
“**EDIAPIS (FILENAME).txt (FILENAME).edi**” (FILENAME represents the unique file name in which you previously saved the Text Only file.)
 12. Press **[ENTER]**.
 13. If you have created the correct manifest format, the following message line will be displayed: “**EDIFACT translation was successful!**”
 14. Type the following command line:
“**EDIAPIS (FILENAME).txt MANIFEST.TXT**”
 15. Press **[ENTER]**.
 16. The following message line will be displayed: “**EDIFACT translation was successful!**”
 17. Type “**exit**” and press **[ENTER]** to close the DOS command window.
 18. The MANIFEST.TXT file is now located in the **Crew** folder.

STEP TEN – SEND PASSENGER AND CREW DATA BY E-MAIL

E-mail Options

Caution!

Passenger and Crew API files can be sent via e-mail in one of two ways: as *attachments to a message*, or as *lines of information embedded within the message*.

To reduce the chances of introducing errors into the data, the preferred method is to send API data as an e-mail attachment.

SENDING PASSENGER AND CREW MANIFESTS AS ATTACHMENTS TO E-MAIL MESSAGES:



NOTE

- You must have an e-mail application with the capability to send messages with attachments.
 - Follow the instructions of your e-mail application to attach a file to the message.
1. Send separate e-mail messages for Passenger and Crew manifests.
 2. Send only one attachment per e-mail message.
 3. Follow the instructions that apply to your e-mail system for sending attachments.
 4. All attachments must be titled MANIFEST.TXT and be in US/EDIFACT format.
 5. Leave the body of the message blank. If any text is found, other than indicators for the attachments, the message will not be delivered correctly.
 6. For reference purposes, in the Subject line include the 3-character CBP assigned sender ID code/aircraft tail number, date, and airport of arrival.

Sending MANIFEST.TXT:

The MANIFEST.TXT files found in the APIS/PAX and APIS/CREW folders are the two files that you will send, separately to the e-mail address **designated** by your POC.

SENDING PASSENGER AND CREW MANIFESTS EMBEDDED WITHIN THE E-MAIL MESSAGE:



NOTE

Caution!

- You must have an e-mail application with the capability to send messages.
- The following rules must be followed when embedding the APIS manifest within the body of the e-mail message.
- To reduce the chances of introducing errors into the data, the preferred method is to send the API data as an attachment whenever possible.

1. The APIS manifest must be provided in the US/EDIFACT syntax message format, as contained in the MANIFEST.TXT file.
2. All manifest data must be UPPERCASE.
3. You must not include anything else in the body of the e-mail other than the API manifest data in US/EDIFACT format. **Do not include** forwarding information, letterheads, automatic signatures at the bottom of the e-mail, any other text, HTML links, or graphics.
4. Send only one embedded API manifest per e-mail message.
5. **Do not** use forwarding e-mails. If a forward/re-send is required, any forwarding information must be deleted from the body of the message before it is sent.



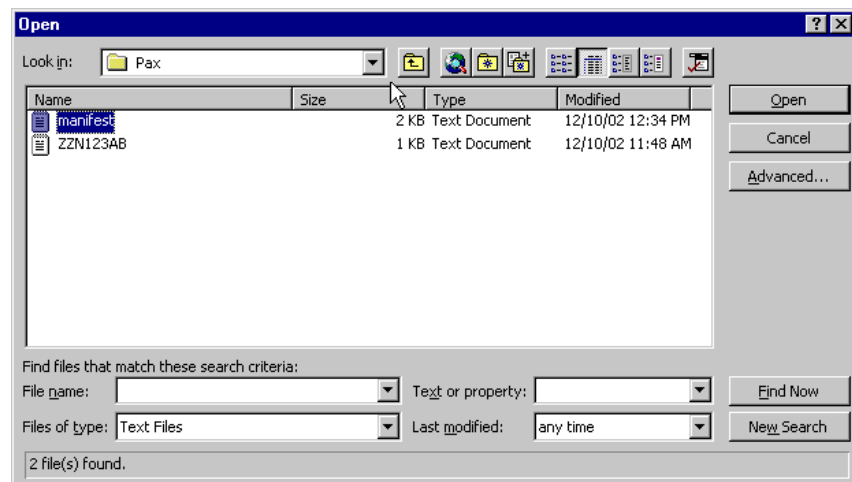
NOTE

E-mails that do not conform to the above rules will be placed into a non-delivery e-mail box and the contents of the e-mail will be considered either an empty message or a garbage mail message.

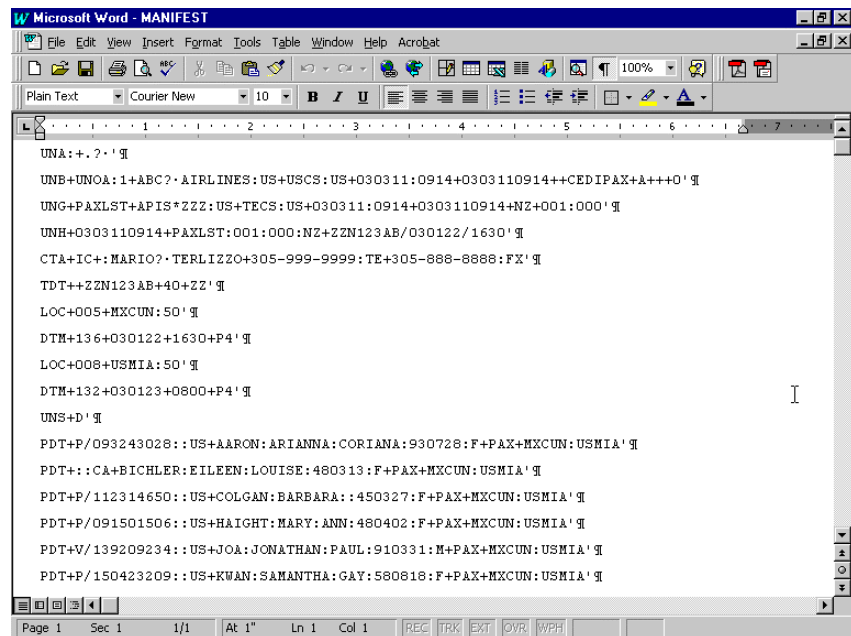
**Embedding the APIS
manifest within the e-
mail:****Caution!**

The MANIFEST.TXT files found in the APIS/PAX and APIS/CREW folders are the two files that you will send as separate e-mails to the e-mail address **designated** by your POC.

1. Open the word processing application, such as Microsoft Word or WordPerfect, which you used to create the original PAX manifest.
 - **Do not** use WordPad or Notepad to open the MANIFEST.TXT file. Hidden characters may be introduced in the manifest data that would interfere with its processing.
2. Use the **Open** function on the menu to locate the MANIFEST.TXT file created with the EDIAPIS.exe translation program.

**Screen 31: Open MANIFEST.TXT**

3. Select the MANIFEST.TXT file and click **Open**.
4. The MANIFEST.TXT file opens.



Screen 32: Open MANIFEST.TXT in Microsoft Word

5. Click on **Edit > Select All** to select the manifest data.
6. Click on **Edit > Copy** to copy the manifest data.
7. Open a new e-mail message.
8. Use the **Paste** function of your e-mail application to paste the manifest data into the body of the e-mail message.

Subject line:

- If any text is found, other than the manifest data in EDIFACT syntax, the message will not be delivered correctly.
- For reference purposes, the e-mail Subject line should contain information about the flight itinerary: 3-character CBP assigned sender ID carrier code/aircraft tail number, date of arrival, and airport of arrival.

Send manifest data to: E-mail address **designated** by your POC.

Questions?

Direct technical and procedural questions to the POC assigned to you during your registration process.

TROUBLESHOOTING EDIAPIS ERRORS

- The EDIAPIS.exe program will display error messages when the slash-delimited API manifest data cannot be successfully translated into US/EDIFACT within the manifest.txt file.
- The error message displays a description of the problem. In case of syntax errors, the line containing the error is displayed above the error message line. This assists you in finding the syntax error in the original .txt file. For this reason it is advised that you read the error message carefully and identify the manifest line that contains the syntax error before you close the DOS command window.
- Here are several examples of common error messages and how to correct them.
After utilizing one of the resolutions, run the EDIAPIS.exe program again.

Error Message:

The name specified is not recognized as an internal or external command, operable program or batch file.

A screenshot of a Windows NT DOS command window. The title bar reads "C:\WINDOWS\System32\command.com". The window content shows the following text:

```
Microsoft(R) Windows NT DOS
(C) Copyright Microsoft Corp 1990-1996.

C:\>CD\
C:\>cd apis
C:\APIS>cd pax
C:\APIS\PAX>EIDAPIS ZZN1MARK.TXT ZZN1MARK.EDI
The name specified is not recognized as an
internal or external command, operable program or batch file.
C:\APIS\PAX>
```

Screen 33: Error message**Cause:**

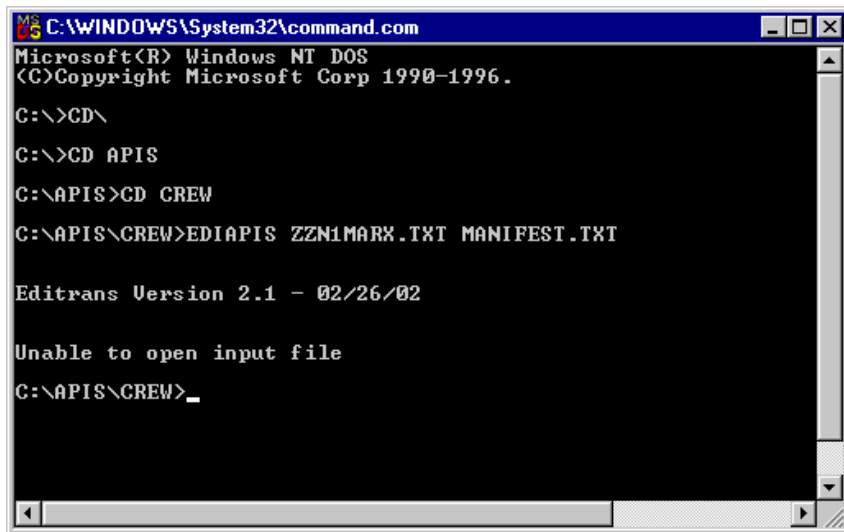
The command line entered includes misspellings, or does not refer to an existing program in the designated folder, e.g., the EDIAPIS.exe program is not located in the designated folder.

Resolution:

- A) Retype the command line correctly, or
- B) Open the designated folder, APIS/Pax or APIS/Crew, to confirm the location of the original .txt file you desire to translate, or
- C) Ensure that the EDIAPIS.exe file is in the designated folder.

Error Message:

Unable to open input file.



```
MS-DOS C:\WINDOWS\System32\command.com
Microsoft(R) Windows NT DOS
(C) Copyright Microsoft Corp 1990-1996.

C:\>CD\
C:\>CD APIS
C:\APIS>CD CREW
C:\APIS\CREW>EDIAPIS ZZN1MARK.TXT MANIFEST.TXT

Editrans Version 2.1 - 02/26/02

Unable to open input file
C:\APIS\CREW>_
```

Screen 34: Error message**Cause:**

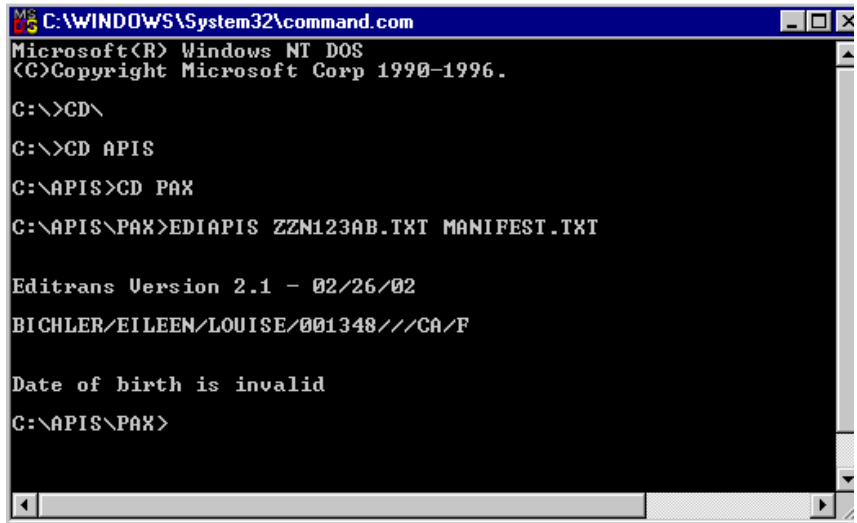
The designated .txt file does not exist in the specified folder.

Resolution:

- A) Open the APIS/Crew folder and confirm that the designated .txt file exists in the folder. If not, save the original .txt API manifest data into the correct folder, or
- B) Specify the correct folder, within APIS, in the command line.

Error message:

**Date of birth is
invalid:**



```
C:\WINDOWS\System32\command.com
Microsoft(R) Windows NT DOS
(C)Copyright Microsoft Corp 1990-1996.

C:\>CD\
C:\>CD APIS
C:\APIS>CD PAX
C:\APIS\PAX>EDIAPIS ZZN123AB.TXT MANIFEST.TXT

Editrans Version 2.1 - 02/26/02
BICHLER/EILEEN/LOUISE/001348//CA/F

Date of birth is invalid
C:\APIS\PAX>
```

Screen 35: Error message

Cause:

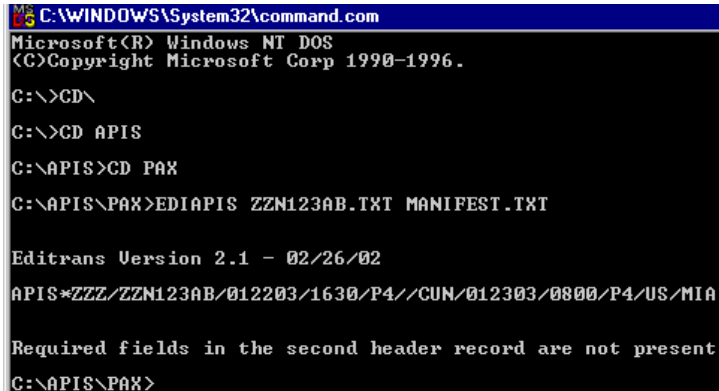
The date of birth for a Passenger or Crewmember is not complete or the syntax is not correct.

Resolution:

- A) The line containing the error is displayed above the error message line.
- B) Open the original .txt file, locate line where the error occurred, correct the date of birth, and save the file.

Error message:

Required fields in the second HEADER are not present.



```
C:\WINDOWS\System32\command.com
Microsoft(R) Windows NT DOS
(C)Copyright Microsoft Corp 1990-1996.
C:\>CD\
C:\>CD APIS
C:\APIS>CD PAX
C:\APIS\PAX>EDIAPIS ZZN123AB.TXT MANIFEST.TXT

Editrans Version 2.1 - 02/26/02
APIS*ZZZ/ZZN123AB/012203/1630/P4//CUN/012303/0800/P4/US/MIA

Required fields in the second header record are not present
C:\APIS\PAX>
```

Screen 36: Error message**Cause:**

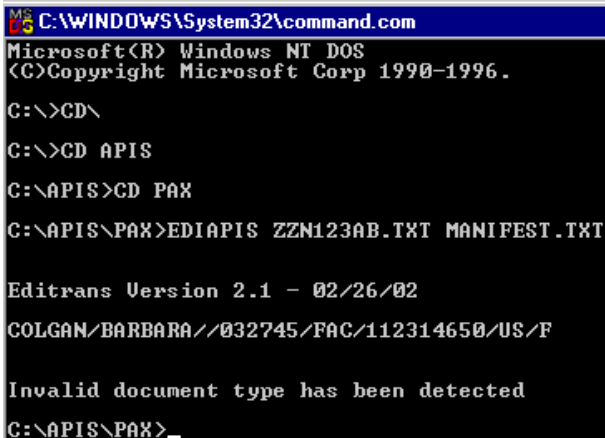
The second HEADER is missing or has incomplete slash delimited manifest data.

Resolution:

- A) The line containing the error is displayed above the error message line.
- B) Open the .txt file, input the required data in the second HEADER, and save the file.

Error message:

Invalid document type has been detected.



```
C:\WINDOWS\System32\command.com
Microsoft(R) Windows NT DOS
(C)Copyright Microsoft Corp 1990-1996.
C:\>CD\
C:\>CD APIS
C:\APIS>CD PAX
C:\APIS\PAX>EDIAPIS ZZN123AB.TXT MANIFEST.TXT

Editrans Version 2.1 - 02/26/02
COLGAN/BARBARA//032745/FAC/112314650/US/F

Invalid document type has been detected
C:\APIS\PAX>_
```

Screen 37: Error message

Cause:

A document type has been used that is not supported by EDIAPIS, e.g., using "FAC" as a document type.

Resolution:

- A) The line containing the error is displayed above the error message line.
- B) Refer to the list of document types in the field descriptions in **Step Four – Create Passenger Data.**
- C) Open the original .txt manifest, replace unsupported document type with an acceptable document type, and save the file.

APPENDIX A – ACRONYM LIST

ACRONYM	DEFINITION
API	Advance Passenger Information
APIS	Advance Passenger Information System
CBP	Customs and Border Protection
EDI	Electronic Data Interchange
EDIFACT	Electronic Data Interchange for Administration, Commerce, and Trade
.exe	Executable file
GDS	Global Distribution Service
IATA	International Air Transport Association
ISO	International Organization for Standardization
PAX	Passenger
POC	Point of Contact
.txt	Text Only
UN/ECE	United Nations/Economic Commission for Europe
USCS	United States Customs Service
VAN	Value Added Network

APPENDIX B – 2-CHARACTER COUNTRY CODE TABLE**ISO INTERNATIONAL COUNTRY CODES**

Country Name / Description	2-Char Code
AFGHANISTAN	AF
ALBANIA	AL
ALGERIA	DZ
AMERICAN SAMOA	AS
ANDORRA	AD
ANGOLA	AO
ANGUILLA	AI
ANTARCTICA	AQ
ANTIGUA AND BARBUDA	AG
ARGENTINA	AR
ARMENIA	AM
ARUBA	AW
AUSTRALIA	AU
AUSTRIA	AT
AZERBAIJAN	AZ
BAHAMAS	BS
BAHRAIN	BH
BANGLADESH	BD
BARBADOS	BB
BELARUS	BY
BELGIUM	BE
BELIZE	BZ
BENIN	BJ
BERMUDA	BM
BHUTAN	BT
BOLIVIA	BO
BOSNIA AND HERZEGOVINA	BA
BOTSWANA	BW
BOUVET ISLAND	BV

Country Name / Description	2-Char Code
BRAZIL	BR
BRITISH INDIAN OCEAN TERRITORY	IO
BRUNEI DARUSSALAM	BN
BULGARIA	BG
BURKINA FASO	BF
BURUNDI	BI
CAMBODIA	KH
CAMEROON	CM
CANADA	CA
CAPE VERDE	CV
CAYMAN ISLANDS	KY
CENTRAL AFRICAN REPUBLIC	CF
CHAD	TD
CHILE	CL
CHINA	CN
CHRISTMAS ISLAND	CX
COCOS (KEELING) ISLANDS	CC
COLOMBIA	CO
COMOROS	KM
CONGO	CG
CONGO, THE DEMOCRATIC REPUBLIC OF THE	CD
COOK ISLANDS	CK
COSTA RICA	CR
COTE D'IVOIRE	CI
CROATIA	HR
CUBA	CU
CYPRUS	CY
CZECH REPUBLIC	CZ
DENMARK	DK
DJIBOUTI	DJ
DOMINICA	DM
DOMINICAN REPUBLIC	DO

Country Name / Description	2-Char Code
ECUADOR	EC
EGYPT	EG
EL SALVADOR	SV
EQUATORIAL GUINEA	GQ
ERITREA	ER
ESTONIA	EE
ETHIOPIA	ET
FALKLAND ISLANDS (MALVINAS)	FK
FAROE ISLANDS	FO
FIJI	FJ
FINLAND	FI
FRANCE	FR
FRENCH GUIANA	GF
FRENCH POLYNESIA	PF
FRENCH SOUTHERN TERRITORIES	TF
GABON	GA
GAMBIA	GM
GEORGIA	GE
GERMANY	DE
GHANA	GH
GIBRALTAR	GI
GREECE	GR
GREENLAND	GL
GRENADA	GD
GUADELOUPE	GP
GUAM	GU
GUATEMALA	GT
GUINEA	GN
GUINEA-BISSAU	GW
GUYANA	GY
HAITI	HT
HEARD ISLAND AND MCDONALD ISLANDS	HM

Country Name / Description	2-Char Code
HOLY SEE (VATICAN CITY STATE)	VA
HONDURAS	HN
HONG KONG	HK
HUNGARY	HU
ICELAND	IS
INDIA	IN
INDONESIA	ID
IRAN, ISLAMIC REPUBLIC OF	IR
IRAQ	IQ
IRELAND	IE
ISRAEL	IL
ITALY	IT
JAMAICA	JM
JAPAN	JP
JORDAN	JO
KAZAKHSTAN	KZ
KENYA	KE
KIRIBATI	KI
KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF	KP
KOREA, REPUBLIC OF	KR
KUWAIT	KW
KYRGYZSTAN	KG
LAO PEOPLE'S DEMOCRATIC REPUBLIC	LA
LATVIA	LV
LEBANON	LB
LESOTHO	LS
LIBERIA	LR
LIBYAN ARAB JAMAHIRIYA	LY
LIECHTENSTEIN	LI
LITHUANIA	LT
LUXEMBOURG	LU
MACAO	MO

Country Name / Description	2-Char Code
MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF	MK
MADAGASCAR	MG
MALAWI	MW
MALAYSIA	MY
MALDIVES	MV
MALI	ML
MALTA	MT
MARSHALL ISLANDS	MH
MARTINIQUE	MQ
MAURITANIA	MR
MAURITIUS	MU
MAYOTTE	YT
MEXICO	MX
MICRONESIA, FEDERATED STATES OF	FM
MOLDOVA, REPUBLIC OF	MD
MONACO	MC
MONGOLIA	MN
MONTSERRAT	MS
MOROCCO	MA
MOZAMBIQUE	MZ
MYANMAR	MM
NAMIBIA	NA
NAURU	NR
NEPAL	NP
NETHERLANDS	NL
NETHERLANDS ANTILLES	AN
NEW CALEDONIA	NC
NEW ZEALAND	NZ
NICARAGUA	NI
NIGER	NE
NIGERIA	NG
NIUE	NU

Country Name / Description	2-Char Code
NORFOLK ISLAND	NF
NORTHERN MARIANA ISLANDS	MP
NORWAY	NO
OMAN	OM
PAKISTAN	PK
PALAU	PW
PALESTINIAN TERRITORY, OCCUPIED	PS
PANAMA	PA
PAPUA NEW GUINEA	PG
PARAGUAY	PY
PERU	PE
PHILIPPINES	PH
PITCAIRN	PN
POLAND	PL
PORTUGAL	PT
PUERTO RICO	PR
QATAR	QA
REUNION	RE
ROMANIA	RO
RUSSIAN FEDERATION	RU
RWANDA	RW
SAINT HELENA	SH
SAINT KITTS AND NEVIS	KN
SAINT LUCIA	LC
SAINT PIERRE AND MIQUELON	PM
SAINT VINCENT AND THE GRENADINES	VC
SAMOA	WS
SAN MARINO	SM
SAO TOME AND PRINCIPE	ST
SAUDI ARABIA	SA
SENEGAL	SN
SEYCHELLES	SC

Country Name / Description	2-Char Code
SIERRA LEONE	SL
SINGAPORE	SG
SLOVAKIA	SK
SLOVENIA	SI
SOLOMON ISLANDS	SB
SOMALIA	SO
SOUTH AFRICA	ZA
SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS	GS
SPAIN	ES
SRI LANKA	LK
SUDAN	SD
SURINAME	SR
SVALBARD AND JAN MAYEN	SJ
SWAZILAND	SZ
SWEDEN	SE
SWITZERLAND	CH
SYRIAN ARAB REPUBLIC	SY
TAIWAN, PROVINCE OF CHINA	TW
TAJIKISTAN	TJ
TANZANIA, UNITED REPUBLIC OF	TZ
THAILAND	TH
TIMOR-LESTE	TL
TOGO	TG
TOKELAU	TK
TONGA	TO
TRINIDAD AND TOBAGO	TT
TUNISIA	TN
TURKEY	TR
TURKMENISTAN	TM
TURKS AND CAICOS ISLANDS	TC
TUVALU	TV
UGANDA	UG

Country Name / Description	2-Char Code
UKRAINE	UA
UNITED ARAB EMIRATES	AE
UNITED KINGDOM	GB
UNITED STATES	US
UNITED STATES MINOR OUTLYING ISLANDS	UM
URUGUAY	UY
UZBEKISTAN	UZ
VANUATU	VU
VENEZUELA	VE
VIET NAM	VN
VIRGIN ISLANDS, BRITISH	VG
VIRGIN ISLANDS, U.S.	VI
WALLIS AND FUTUNA	WF
WESTERN SAHARA	EH
YEMEN	YE
YUGOSLAVIA	YU
ZAMBIA	ZM
ZIMBABWE	ZW